

Figure 1A: Computer Data Storage Architecture (Prior Art)

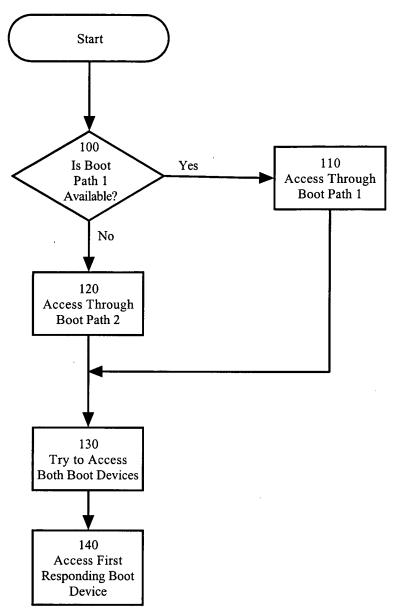


Figure 1B: Invention Data Access Process

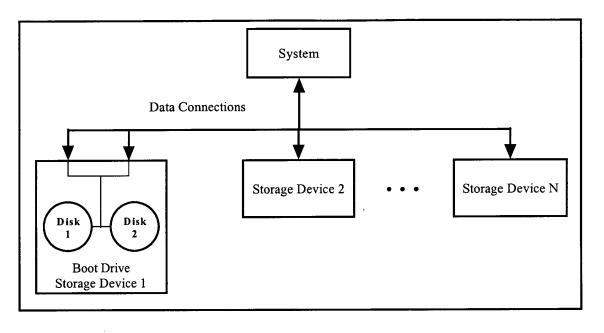


Figure 2: Computer Data Storage Architecture

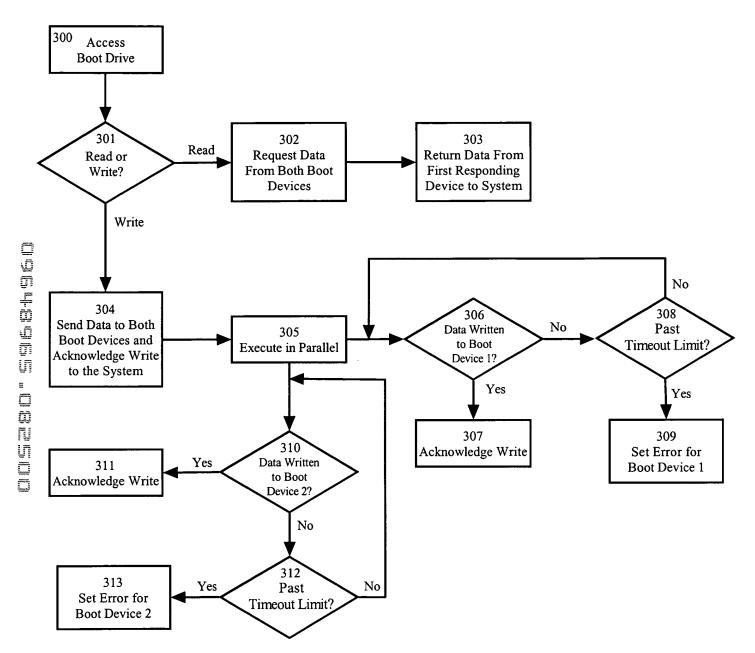


Figure 3: Invention Function When Accessing Data

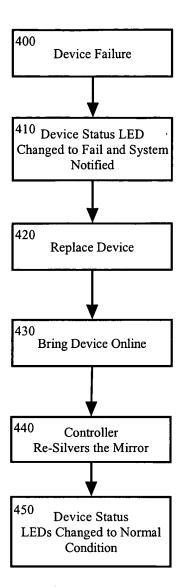


Figure 4: Invention Recovery from Failed Disk

Complete Upgrade

500

Figure 5: Procedure for Operating System Upgrade With Invention

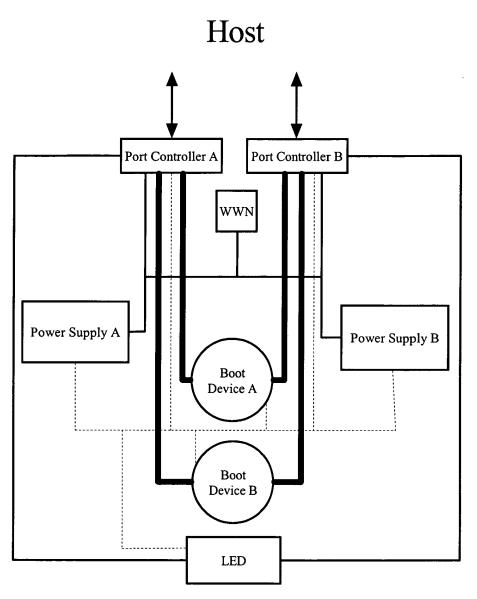


Figure 6: One Embodiment of the Present Invention

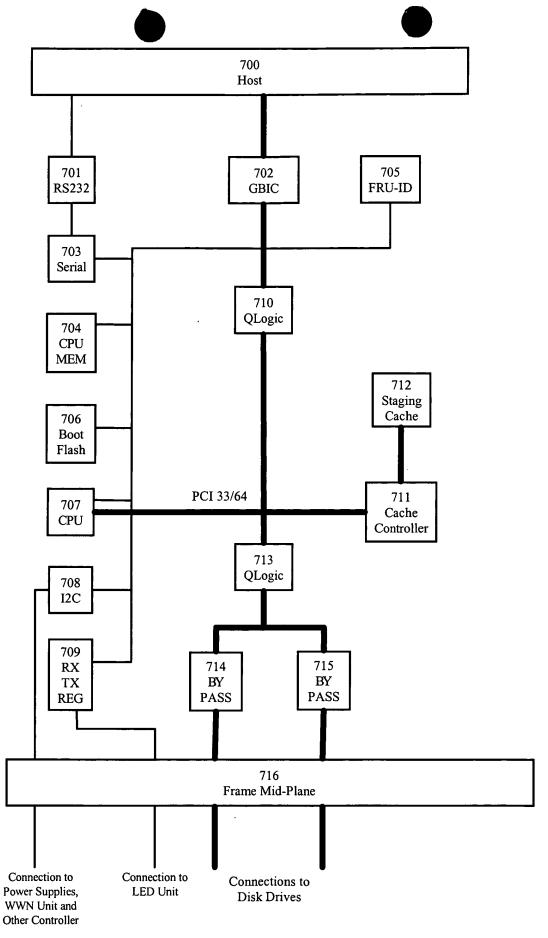


Figure 7: One Embodiment of a Port Controller